(a) whether Government are making any efforts and allocating resources for the productivity of tobacco per acre in Andhra Pradesh and other tobacco growing States;

(b) whether it is a fact that tobacco productivity per acre in India is only about 1040 Kgs. per hectare;

(c) if so, what are the reasons for this low yield per hectare; and

(d) whether Research and Development effort is proposed to increase the yield of tobacco per acre?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI ARVIND NETAM): (a) Yes, Sir.

(b) and (c) No, Sir. The average productivity of tobacco in India during 1989-90 to 1991-92 was 1358 kg. per hectare. The Asian and World average during corresponding period was 1457 and 1508 kg. per hectare, respectively. The marginal lower yield in India than World average was due to more area under rainfed conditions, lesser use of inputs etc.

(d) The Institutes of Indian Council of Agricultural Research as well as State Agricultural Universities of major tobacco growing states are already engaged in tobacco research, while the developmental scheme for virginia tobacco is being implemented in virginia growing states by the Tobacco Board in the Ministry of Commerce.

Reclamation of Alkali Soil

4410. MISS SAROJ KHAPARDE: Will the Minister of AGRICULTURE be pleased to state:

(a) the area of land reclaimed so far in each of the States of Haryana, Punjab and U.P. under the scheme of Reclamation of Alkali (USAR) Soil; and

(b) the total cost of reclamation per hectare of land which has been incurred in each of those States?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI ARVIND NETAM): (a) and (b) A Centrally Sponsored Scheme for Reclamation of Alkali (USAR) Soils is under implementation in the States of Haryana, Punjab and Uttar Pradesh since the Seventh Five Year Plan. Area reclaimed and per hectare cost of reclamation in each of these States are as under:—

S. No.	States	Area Reclaimed (VII Plan to 92-93) (Ha.)	Per ha. Cost of reclamation (Rs.)
1.	Haryana	85,014	2439
2.	Punjab	1,61,208	2108
3.	Uttar Pradesh	45,935	4369

Voluntary retirement in PSUS

4411. MISS SAROJ KHAPARDE: Will the Minister of AGRICULTURE be pleased to state:

(a) the names of the Public Sector Undertakings under his Ministry in which voluntary retirement schemes are under implementation at present; and

(b) the names of employees in each of those Undertakings who have taken voluntary retirement under these schemes till date?

THE MINISTER OF STATE IN THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES WITH ADDITIONAL CHARGE OF THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI S. KRISHNA KUMAR): (a) At present a Voluntary Retirement Scheme is under implementation in the National Seeds Corporation Ltd., New Delhi, a Public Sector Undertaking under the administrative control of Department of Agriculture and Cooperation.

(b) The names of employees who have taken voluntary retirement are enclosed as per Statement I and Statement II.

Statement—I

National Seeds Corporation Limited List of Officials retired under voluntary Retirement Scheme-Phase—I

S. No,	Name of the Officials	Designation
1	A,P, Dudhbadnkar	Accountant
2	G.M. Patil	-do-
3	M.L. Sharma	lo-
4	Mehar Ali	-do-
5	Sia Ram	-do-
6	K.L. Threja	-do-
7	S.R. Singh	-do-
8	Prem Prakash	-do-
9	Ram Kishan	-do-
10	Rekha	-do-
11	Shakuntla	-do-
12	P.L. Gupta	-do-
13	Nandlal Arora	-do-
14	A.F. Travasso	-do-
15	P.N. Arora	Accts Officer
16	O.P. Nagar	-do-
17	K.K. Uppal	-do-
18	Darshan Kumar ;	-do-
19	P.C. Grover	-do-
20	P.P.S. Bhalla	-do-
21	M.K. Bhardwaj	-do-
22	S.R. Juneja	Admn. Officer
23	Gyan Singh	-do-
24	M.K. Biswas	-do-
25	J.P. Singh	-do-
26	P.L. Arora	-do-
27	Moti Lal	-do-
28	Shanti Lal	-do-
29	V.K. Gupta	-do-
30	S.R. Kaushik	Admn. officer
31	S.P. Ramachandra Rao	-do-
32	R.R. Singh	-do-
33	S.C. Agarwal	Agril officer
34	Rameshwar Datt	Assistant
35	B.M. Lalwani	-do-
36	M. Ramachandraiah	-do-
37	K. Ranganayaki	-do-
38	A.B. Dass	-do-
39	L.R. Ahuja	-do-
40	Kamlesh Chopra	-do-
41	Garbachan Singh	-do-
42	Leeley Singh	-do-
43	Asha Bajaj	-do-
44	Ashok Kumar	-do-
45	Raj Sharma	-do-
46	Bhagwan Balani	-do-
47	Amit Joshi	-do-
48	Bal Kishan	-do-
49	Anila Mehra	-do-
50	Sudesh Kumari	-do-
51	Kamlesh Karir	-do-
52	Susheel Gupta	-do-
53	G.B. Chainani	-do-
54	Ram Saran	-do-
55	Kulwant Singh	-do-
56	K. Surendar Babu	-do-
57	V.V. Krishna Rao	-do-
58	R. Sankaraiah	Assistant
59	G.G. Dharmadhikari	-do-
60	A. Samuel	-do-
61	D.P. Wadikar	Asst. Ag. Engr.
62	A.B. Naha	Asst. Civil Engr.
63	A.K. Mittal	-do-

Sl No.	Name of the Official	Designation
64.	Mohan Singh	Asst. Manager
65.	Amba Datt	-do-
66.	B.K. Kakkar	-do-
67.	V. Vishwanathan	-do-
68.	Dewan Chand	Asst. PVT Secy.
69.	Mohan Lal	-do-
70.	P.K. Bansal	-do-
71.	S. Krishnamurthy	-do-
72.	S.S. Bagga	-do-
73.	D.N. Tewari	Asst. Seed Officer
74.	V.P. S. Saroha	-do-
75.	A. Vittalaraya Kini	-do-
76.	M.R. Chhabra	-do-
77.	B.P. Singh	-do-
78.	S.C. Nagpaul	-do-
79.	S. Baraiah	-do-
80.	V.N. Singh	-do-
81.	Sadhu Singh	Chowkidar
82.	N.G. Hunchinal	-do-
83.	Kishan Lal	-do-
84.	Debudhar Behara	-do-
85.	Dal Singh	-do-
86.	Karam Singh	-do-
87.	Ganga Singh	-do-
88.	Mahi Lal	-do-
89.	Hemraj	-do-
90.	Nihal Singh	-do-
91.	Abdul Rafiq	-do-
92.	Sis Ram	-do-
93.	V. Nageshwara Rao	-do-
94.	S. Balaji Das Singh	-do-
95.	Nandan Singh	-do-
96.	Prem Chand Sharma	-do-

S. No.	Name of the Official	Designation
97.	Halu Ram	Chowkider
98.	Ram Lal	-do-
99.	Laxman Singh	-do-
100.	Rameshwar Singh	-do-
101.	R.P. Tewari	-do-
102.	Gobindu Ram	-do-
103.	A. Venkataratnam	Civil Engr.
104.	A. Ramulu	-do-
105.	P.P. Gopalakrishnan	Comptist
106.	M.V. Muniyappa	Daftry
107.	Kashmiri Lal	-do-
108.	Shanti Prakash	-do-
109.	Muni Lal	-do-
110.	B.B. Sharma	-do-
111.	Liloo Singh	-do-
112.	Bharat Singh	-do-
113.	Ram Raj Pal	-do-
114.	Rati Ram Singh	-do-
115.	C. Kadirappa	-do-
116	A.N. Bhingare	-do-
117.	L.V. Ramarao	Do-
118.	Gurnam Singh	Dozer Operator
119.	C.B. Sharma	Draftsman
120.	K.L. Narang	-do-
121.	Durga Prasad	Driver
122.	Prem Chand	-do-
123.	Sita Ram	-do-
124.	Jagpal Singh	-do-
125.	K.S.S. Naidu	-do-
126.	B.C. Hugar	-do-
127.	P. Govindappa	-do-
128.	M.G. Sharma	-do-
129.	Brij Lal	-do-

S. No.	Name of the Official	Designation
130.	Jagbali	Driver
131.	Kapil Deo	-do-
132.	Karnail Singh	-do-
133.	M.P. Singh	-do-
134.	Sukhbir Singh	-do-
135.	Madhusudan Bhatt	-do-
136.	Pooran Singh	-do-
137.	Tara Chand	-do-
138.	Govind Singh	-do-
139.	Jai Dutt	-do-
140.	Kuldip Rai	-do-
141.	Fiaz Baig	-do-
142.	M. Ranganna	-do-
143.	B. Narayana	-do-
144.	M. Pullam Raju	-do-
145.	Ch. Rama Rao	-do-
146.	Girija Shankar	-do-
147.	Bhag Singh	-do-
148.	Chokhat Singh	-do-
149.	Gurdev Singh	-do-
150.	Ramanand	-do-
151.	Mohd. Ghouse	-do-
152.	D. Kasaiah	-do-
153.	B. Purushotam	-do-
154.	Arjun Jha	-do-
155.	S.P. Gaikwad	-do-
156.	M.G. Chopde	-do-
157.	D.G. Pawar	-do-
158.	J.S. Taiwade	-do-
159.	E.R. Pawar	-do-
160.	Krishan Lal	-do-
	Golamalai	Driver
162.	M.S. Khan	Dy. Manager
163.	Sanni Prasad	-do-
164.	M.V. Jayaram	-do-
165.	B.C. Kartha	-do-
166.	J.L. Bhatt	-do-
167.	O.P. Tewari	-do-
168.	R.C. Varshneya	Dy. Seed Officer
169.	P.L. Patel	-do-
170.	S.C. Chowdhary	-do-
171.	V. Subbarao	-dp-
172.	D.R. Shivanna	-do-
173.	M.P. Singh	-do-
174.	M.D. Shrivastava	-do-
175.	Jaswant B. Lal	-do-
176.	B. C. Modi	-do-
177.	M. Nigam	-do-
178.	P.L. Jain	-do-
179.	R.N. Yadav	-do-
180.	Shobir Singh	-do-
181.	Bhim Singh	-do-
182.	R.A. Srivastava	-do-
183.	A.P. Singh	-do-
184.	S.R. Kamat	-do-
185.	S.C. Sharma	-do-
186.	R.V. Kkekale	-do-
187.	A.G. Indapurkar	-do-
188.	Karam Singh	-do.
189.	A.K Bhatt	Dr. Sr.Acct. Offr.
190.	Jawahar Lal	Editor
191.	T.C. Grover	ES to CMD
192.	R.K. Mittal	Ex. Engineer

S. No.	Name of the Official	Designation
193.	Shabita Ram	Farash
194.	Dal Bahadur Thappa	-do-
195.	Chander Bhan	Ferro Printer
196.	Chhotey Singh	Field Asstt.
197.	Raj Kumar	-do-
198.	M. Rama Rao	-do-
199.	S. M.D. Yusoof	-do-
200.	N. Rajanna	Gest Operator
201.	Bhaiya Lal	-do-
202.	Krishan Chand	-do-
203.	Swarup Singh	-do-
204.	K. Venkateswara Rao	-do-
205.	V.P. Singh	GM (Engg.)
206.	Dr. N.P. Nema	GM(R D & OC
207.	Man Singh	Helper
208.	Chander Singh	-do-
209.	Rewat Singh	-do-
210.	Dalip Singh Rana	Jamadar
211.	Sain Singh	-do-
212.	D.C. Dube	Joint Manager
213.	S. Srinivasa Rao	-do-
214.	K.C. Aggarwal	-do-
215.	S. Nayar	-do-
216.	P.V. Kulkarni	-do-
217.	S.S. Trivedi	Jr. Store Keeper
218.	M.L. Sharma	-do-
219.	Mazhar Hussain	Do.
220.	K.C. Pandey	-do-
221.	A.K. Jha	-do-
222.	Chaman Lal	Junior Engineer
223.	S.C. Chawla	-do-
224.	P. Ramac Ryulu	-do-
225.	A.V. Subba Rao	-do-
226.	Sarwan Ram	Lab. attendant
227.	Rama Rani	-do-
228.	Brijmohan Tewari	LDC
229.	Om Prakash	LDC
230.	Kishan Chand	LDC
231.	Surinder Kaur	LDC
232.	C. Venkateswarlu	LDC
233.	P.K. Prasad	LDC
234.	R.B. Manwani	Manager
235.	M.L. Gupta	Manager (Accts.)
236.	Bhoop Singh	Mazdoor
237.	B.S. Vats	Mechanic
238.	A.S. Khan	-do-
239.	Joginder Singh	-do-
240.	M.L. Sharma	-do-
241.	S. Krishna Swamy	-do-
242.	R.N. Pandey	-do-
243.	S.S. Jadhav	-do-
244.	B.P. Sinha	Mktg. Officer
245.	Booley Ram	Office Supdt.
246.	Jagdish Singh	-do-
247.	S.D. Kumar	-do-
248.	Chandra Prabha	-do-
249.	S.C. Aneja	-do
250.	Jaswant Kaur	do-
251.	S.B. Singh	-do-
252.	R.K. Verma	-do-
253.	K.S. Deepak	-do-
254.	P.L. Sharma	-do-
255.	Laxmi Devi	Packer
256.	Bantra Devi	-do-
257.	Hari Chand	-do-
258.	Jagdish Kumar	-do-

S. No.	Name of the Official	Designation
259.	Manbar Singh	P cker
260.	Shivaji Jayaram	Peon
261.	Gauri S. Srivastava	-do-
262.	Kishan Lal	-do-
263.	Sultan Singh	-do-
264.	Raj Kumar	-do-
265.	Udai Singh	-do-
266.	Bal Kishan	-do-
267.	N.B. Shinde	-do-
268.	S.D. Kalange	-do-
269.	Manik Vinayak	Pvt. Secretary
270.	T.R. Dua	-do-
271.	S.P. Singh	Seed Officer
272.	Sabhachalapathy	-do-
273.	R. Gopi V. Charlu	-do-
274.	Khem Singh	-do-
275.	S.C. Sharma	-do-
276.	K.G. Sharma	-do-
277.	B.S. Kiri	-do-
278.	D.D. Rijwani	-do-
279.	M.M. Maheshwari	-do-
280.	J. Radhakrishna	-do-
281.	V. Somasundara Rao	-do-
282.	C.L. Kureel	-do-
283.	S. Shivshankar	-do-
284.	H.L. Mehta	-do-
285.	Brij P.l Singh	-do-
286.	Shish P.l Singh	-do-
287.	Gurbachan Singh	Sr. Machanic
288.	H.M. Parbhane	-do-
289.	J.S. Moji	Sr. Marktg. Asstt.
290.	Shantha Menon	Sr. Steno.
291.	Dsvvl Narasimham	-do-
292	R.L. Takkar	-do-
293.	Sushma Handa	Sr. Steno.
294.	Shashi Trehan	Sr. Steno
295.	Sudesh Brar	-do-
296.	V.P. Bansal	-do-
297.	M.S. Khasnis	-do-
298.	Brij Singh	Sr. Storekeeper
299.	K.S.N. Ach ri	-do-
300.	S. Md. Ismail	-do-
301.	Dilip Kumar Roy	Sr. Storekeeper
302.	Manju Bala	Sr. Translator
303.	PVS Nagaraja Rao	Store Supdt.
304.	M.L. Gupta	-do-
305.	S. Balakrishnan	-do-
306.	M.V.V. Subramaniam	Supdg. Ag. Engr.
307.	Channu Ram	Sweeper
308.	Kanhaiya Lal	-do-
309.	Vijay Singh	-do-
310.	Jage Lal	UDC
311.	A.M. Laiq	UDC
312.	Nakshatar Singh	UDC
313.	Kiran Kapur	UDC
314.	Maya Rani	UDC
315.	Jang Pal	UDC
316.	Daya Chand	UDC
317.	M.C. Das	UDC
318.	Ramesh Malik	UDC
319.	Mohan Lal	UDC
320.	Kaptan Singh	UDC
321.	Krishna Kaur	UDC
322.	Satish Verma	UDC
323.	Khazan Singh	UDC
324.	Devinder Kaur	UDC
325.	M. Ranga Devi	UDC
326.	S.B. Kelkar	UDC
327.	S.D. Jagtap	UDC

Statement II

National Seeds Corporation Ltd.

List of Officials Retired under Voluntary Retirement Scheme Phase-II

Name of the Official	Designation
1. D. Sambasiva Rao	AAE
2. P. Anjaiah	ASO
3. Ch. VDA Banesan	SSK
4. Y. Ch. David	UDC
5. Surinder Kumar	CE
6. V.V. Meenakshy	UDC
7. S. Kumar	UDC
8. P.P. Thorat	JSK
9. E.W. Sheikh	GO
10. Balbir Singh	GO
11. Manju Dass	UDC
12. R.K. Basu	UDC
13. A.L. Das	LDC
14. G.M. Biswas	LDC
15. D.R. Meshram	LDC
16. G. Nagaiah	FA
17. Shiva N.C. Vastard	ASO
18. S.M.M. Ahmed	ASO
19. P. Pavaman	JSK
20. Rano Saini	UDC
21. Bantosh Chopra	UDC

National Oil Grid linking production centres

4412. MISS SAROJ KHAPARDE: Will the Minister of AGRICULTURE be pleased to state:

(a) whether it is a fact that the NDDB propose to create National Oil Grid linking production centres with consumers centres; and

(b) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES WITH ADDITIONAL CHARGE OF THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI S. KRISHNA KUMAR): (a) Yes, Sir. NDDB has a plan to create National Oil Gird.

(b) The plan envisages linking the major oilseeds producing areas with the demand centres by (i) creation of oil storage capacity at strategic locations; (ii) establishing packaging stations across the country to pack edible oil; (iii) developing economical transport system to more oilseeds and oil from surplus to deficit zones. As part of this plan NDDB has created storage capacity of about 2.7 lakh tonnes and packaging capacity of about 1.8 lakh tonnes per annum. The grid related infrastructure would continue to develop over the years and work is in progress for the creation of additional storage/packaging capacity.

Effective Insecticides

4413 SHRI G. Y. KRISHNAN: Will the Minister of AGRICULTURE be pleased to state:

(a) whether it is a fact that ALDICARB (Temik) soil and systemic insecticides are highly effective for control of wide range of insects, mites and namatodes and most important for domtstic commercial potato crop and have also got huge demand for quality and diseaseless crop and even helpful for export oriented food processing industries;

(b) whether it is a fact that ALDICARB (Tamik) is not available in the country;

(c) if so, whether Government will allow import under OGL as there is no equivalent substitute for it specifically for potato crop which has been continuously destroyed in lakhs of tonnes every year in several States;

(d) whether Government will direct the Registration Committee to approve